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(54) GRANULAR NONIONIC DETERGENT COMPOSITION AND ITS PRODUCTION

(57) Abstract:

PROBLEM TO BE SOLVED: To obtain a granular nonionic detergent composition excellent in the flowability and solubility of detergent granules under a high temperature and a high humidity by stirring and granulating an nonionic surfactant, a clay mineral, and an oil-absorbing carrier, or kneading the mixture, extruding the kneaded product, crushing the extruded product, and subsequently granulating the crushed product.

SOLUTION: This granular nonionic detergent composition is obtained by compounding a nonionic surfactant (e.g. a polyoxyethylenealkyl ether), a clay mineral (e.g. natural Na type montomorillonite), an oil-absorbing carrier (e.g. amorphous silica), further an inorganic builder (e.g. sodium tripolyphosphate), an organic detergent builder (e.g. a fluorescent agent [e.g. salt), а bis(triazinylamino)stylbenzylsulfonic acid derivative], an enzyme (e.g. a protease), a bleaching agent (e.g. a

percarbonate salt), an antistatic agent (e.g. a cationic surfactant), a surface-improving agent (e.g. zeolite fine powder), and a filter (e.g. sodium sulfate), stirring the mixture, and subsequently granulating the mixture, or kneading the mixture, extruding the kneaded product and subsequently granulating the extruded product.

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